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Applicant: Luciano, Joanne Sylvia      Group: 3736  
Serial No.: 09/045,734      Examiner: Winakur, E.  
Filed: March 20, 1998  
For: A Method for Predicting the Therapeutic Outcome of a Treatment for  
an Affective Disorder

DEC 15 1999

Group 3700

Commissioner of Patents and Trademarks  
Box Non-fee Amendments  
Washington, D.C. 20231

AMENDMENT AND RESPONSE

Dear Sir:

In response to the Office Action dated September 8, 1999, the Applicant replies as follows:

IN THE CLAIMS:      // / / / /

Please cancel claims 2, 8, 13, 61, and 67 without prejudice.

Please amend the claims as follows:

1. (twice amended) A method for predicting a response of a patient to a selected treatment [of] for unipolar depression from at least one pre-treatment clinical symptom, comprising:

- performing at least one measurement of said pre-treatment clinical symptom on said patient and measuring said pre-treatment clinical symptom which is a predictive symptom selected from the group consisting of predictive symptoms so as to derive data for a baseline patient profile;
- defining a set of a plurality of predictor variables which define [a set of] said data [of] for said baseline patient profile, said set of predictor variables comprising said predictive symptoms and a set of treatment options;
- deriving a model that represents a relationship between [said] a response of a patient in a study and said set of predictor variables, said relationship derived through using at least one automated non-linear algorithm; and

113